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# MONTANA OIL AND GAS STATISTICAL BULLETIN

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BOARD OF OIL AND GAS CONSERVATION
SAVINGS BLDG.
HELENA, MONTANA 59601

**Vol. XX, No. 11** — 66 — **NOVEMBER, 1972**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of November, 1972, averaged 93,281 barrels daily, an increase of 29 barrels from the average Ocotber, 1972 production of 93,252.

The nine refineries in the state processed 137,471 barrels of crude oil daily for the month of November, 1972, an increase of 14,952 barrels from the 122,519 barrels processed daily during the month of October, 1972.

During November, 88 wells were completed, 6 oil, 23 gas and 59 dry holes.

During November the commission issued 78 permits to drill new wells, an increase of 13 from the 65 permits issued during October.

## SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF NOVEMBER, 1972

| | |
|---|---|
| IN STORAGE NOVEMBER 1st | |
| By Producers | 305,373 |
| By Transporters | 1,309,829 |
| By Refiners | 940,984 |
| TOTAL STORAGE | 2,556,186 |
| Produced in Montana During Month | 2,798,435 |
| Imported During Month | 3,358,591 |
| TOTAL | 8,713,212 |
| DISPOSITION: | |
| Refined in Montana | 4,124,118 |
| Exported | 1,779,008 |
| Used for Fuel or Lost | 9,813 |
| TOTAL | 5,912,939 |
| IN STORAGE NOVEMBER 30th | |
| By Producers | 298,814 |
| By Transporters | 1,316,022 |
| By Refiners | 1,185,437 |
| TOTAL STORAGE | 2,800,273 |

## NATURAL GAS WITHDRAWALS IN MONTANA

### Month of November, 1972

| Field | M. C. Ft. |
|---|---|
| Bell Creek | —0— |
| Big Coulee | 128,755 |
| Blackjack | 52,507 |
| Bowdoin | 351,367 |
| Bowes | 35,432 |
| Cabin Creek | 90,142 |
| Cedar Creek | 1,617,275 |
| Cut Bank (including Regan) | 345,859 |
| Dry Creek | 52,424 |
| Elk Basin | 39,141 |
| Flat Coulee | 13,640 |
| Gold Butte | —0— |
| Grandview | 19,715 |
| Hardin | 1,430 |
| Keith Block | 113,637 |
| Kevin Sunburst | 39,449 |
| Lake Basin | 42,157 |
| Middle Butte | 1,063 |
| Mt. Lilly | 28,629 |
| Pine | 44,412 |
| Plevna | 2,023 |
| South Devon | 22,986 |
| Tiger Ridge—Squaw Coulee | 1,537,017 |
| Trail Creek | 8,711 |
| Utopia | 90,251 |
| West Butte | 78,284 |
| Whitlash | 79,577 |
| Miscecllaneous | 164,616 |
| TOTAL | 4,970,499 |

Total Withdrawals for November, 1971, were 2,720,181.

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# PRODUCERS REPORT — MONTH OF NOVEMBER, 1972

| Leases | Field | No. of Wells | Storage First of Month | Oil Produced | Oil Shipped By Pipeline | Oil Shipped By Truck | Used or Lost | Storage End of Month |
|---|---|---|---|---|---|---|---|---|
| 3 | Ash Creek | 3 | 233 | 957 | ..... | 1,123 | ..... | 67 |
| 1 | Balnville | 1 | 2,924 | 2,811 | ..... | 3,020 | ..... | 2,715 |
| 2 | Bannatyne | 2 | ..... | 403 | 403 | ..... | ..... | ..... |
| 4 | Bear's Den | 5 | 1,298 | 654 | ..... | 782 | ..... | 1,170 |
| 18 | Bell Creek | 259 | 20,358 | 574,535 | 572,740 | ..... | 2 | 22,151 |
| 1 | Benrud | 1 | 623 | 1,936 | 2,354 | ..... | ..... | 205 |
| 2 | Benrud East | 2 | 1,231 | 11,174 | 10,884 | ..... | ..... | 1,521 |
| 1 | Benrud Northeast | 1 | 610 | 1,709 | 1,531 | ..... | ..... | 788 |
| ... | Berthelote | ..... | 334 | ..... | ..... | ..... | ..... | 334 |
| 5 | Big Wall | 11 | 1,028 | 5,627 | 5,068 | ..... | ..... | 1,587 |
| 5 | Blackfoot | 6 | 601 | 1,577 | 1,506 | ..... | ..... | 672 |
| 5 | Border | 6 | 1,325 | 893 | ..... | 784 | ..... | 1,434 |
| 1 | Bowes | 47 | 3,262 | 9,674 | 6,972 | ..... | ..... | 5,964 |
| 1 | Bradley | 1 | 503 | 543 | 413 | ..... | ..... | 633 |
| ... | Brady | ..... | 102 | ..... | ..... | ..... | ..... | 102 |
| 4 | Brorson-Madison | 4 | 1,528 | 3,313 | ..... | 3,548 | ..... | 1,293 |
| 5 | Brorson-Red River | 5 | 5,313 | 8,592 | ..... | 9,435 | ..... | 4,470 |
| 3 | Brorson-Red River South | 3 | 2,016 | 4,240 | ..... | 4,429 | ..... | 1,827 |
| 1 | Burns Creek | 1 | 617 | 7,830 | ..... | 7,941 | ..... | 506 |
| 6 | Brush Lake | 6 | 3,230 | 18,842 | 20,753 | ..... | ..... | 1,319 |
| 2 | Cabin Creek | 91 | ..... | 248,842 | 248,842 | ..... | ..... | ..... |
| 1 | Canal | 1 | 981 | 6,538 | ..... | 7,065 | ..... | 454 |
| 11 | Cat Creek | 42 | 3,071 | 13,958 | 13,951 | ..... | ..... | 3,078 |
| ... | Clark's Fork | ..... | 83 | ..... | ..... | ..... | ..... | 83 |
| ... | Clark's Fork South | ..... | 287 | ..... | ..... | ..... | ..... | 287 |
| ... | Conrad South | ..... | 100 | ..... | ..... | ..... | 100 | ..... |
| 2 | Cow Creek | 2 | 291 | 801 | ..... | 766 | ..... | 326 |
| 4 | Cow Creek East | 5 | 1,461 | 21,174 | ..... | 21,754 | ..... | 881 |
| 1 | Culbertson | 1 | 262 | 839 | ..... | 1,010 | ..... | 91 |
| 4 | Cupton | 7 | 5,155 | 9,599 | 6,846 | 2,898 | ..... | 5,010 |
| 127 | Cut Bank | 989 | 55,013 | 382,554 | 382,559 | 999 | ..... | 54,009 |
| ... | Dean Dome | ..... | 65 | ..... | ..... | ..... | ..... | 65 |
| 1 | Deer Creek | 1 | 483 | 1,208 | 1,401 | ..... | ..... | 290 |
| 1 | Delphla | 1 | 203 | 357 | ..... | ..... | ..... | 560 |
| ... | Devil's Basin | ..... | 115 | ..... | ..... | ..... | ..... | 115 |
| 3 | Dwyer | 14 | 3,873 | 15,602 | 14,092 | ..... | ..... | 5,383 |
| 3 | Elk Basin | 44 | 802 | 126,801 | 126,774 | ..... | ..... | 829 |
| 5 | Elk Basin Northwest | 9 | 1,288 | 3,374 | 3,395 | ..... | ..... | 1,267 |
| 6 | Fairview | 11 | 7,171 | 29,277 | 11,364 | 19,906 | ..... | 5,178 |
| 2 | Fertile Prairie | 2 | 607 | 1,263 | ..... | 1,171 | ..... | 699 |
| 5 | Flat Coulee | 20 | 2,436 | 6,287 | 5,951 | ..... | ..... | 2,772 |
| 35 | Flat Lake | 48 | 4,710 | 48,030 | 49,227 | ..... | ..... | 3,513 |
| 4 | Flat Lake South | 5 | 1,278 | 8,246 | 8,816 | ..... | ..... | 708 |
| 1 | Four Buttes | 1 | 345 | 415 | ..... | 445 | ..... | 315 |
| 1 | Ft. Gilbert | 2 | 163 | 20,313 | 20,285 | ..... | ..... | 191 |
| 1 | Frannie | 1 | ..... | 1,710 | 1,710 | ..... | ..... | ..... |
| 7 | Fred & George Creek | 15 | 2,874 | 4,196 | 4,949 | ..... | ..... | 2,121 |
| 1 | Froid South | 1 | 815 | 963 | ..... | 1,574 | ..... | 204 |
| 1 | Gage | 1 | 109 | 96 | ..... | 180 | ..... | 25 |
| 3 | Gas City | 18 | 5,515 | 22,904 | 17,438 | 4,878 | ..... | 6,103 |
| 2 | Girard | 2 | 1,283 | 2,607 | ..... | 2,675 | ..... | 1,215 |
| 11 | Glendive | 15 | 1,941 | 23,306 | 22,665 | ..... | ..... | 2,582 |
| 27 | Goose Lake | 33 | 4,004 | 30,325 | 31,873 | ..... | 95 | 2,361 |
| 7 | Graben Coulee | 15 | 6,215 | 2,648 | ..... | 2,732 | ..... | 6,131 |
| 1 | Gypsy Basin | 1 | 187 | 199 | 199 | ..... | ..... | 187 |
| 1 | Hay Creek-Mission Canyon | 1 | 68 | 1,468 | 1,424 | ..... | ..... | 112 |
| 2 | Hay Creek-Red River | 2 | 367 | 6,425 | 6,296 | ..... | ..... | 496 |
| 4 | Hiawatha | 4 | 3,179 | 5,984 | 6,296 | ..... | ..... | 2,164 |
| ... | Injun Creek | ..... | 423 | ..... | ..... | ..... | ..... | 423 |
| 6 | Ivanhoe | 12 | 1,412 | 3,737 | 3,720 | ..... | ..... | 1,429 |
| 1 | Jim Coulee | 18 | 4,622 | 40,040 | 40,170 | ..... | ..... | 4,492 |
| 5 | Keg Coulee | 19 | 6,931 | 28,508 | 29,441 | ..... | 167 | 5,831 |
| 2 | Keg Coulee North | 2 | 896 | 1,858 | 2,183 | ..... | ..... | 571 |
| 1 | Kelley | 3 | 571 | 6,593 | 6,547 | ..... | ..... | 617 |
| 78 | Kevin Sunburst | 421 | 8,771 | 23,085 | 19,361 | 2,626 | ..... | 9,869 |
| 7 | Laird Creek | 9 | 663 | 2,792 | ..... | 2,844 | ..... | 611 |
| 1 | Landslide Butte | 2 | 1,553 | 471 | 1,245 | ..... | ..... | 779 |
| 3 | Leary | 3 | 2,052 | 2,428 | ..... | 2,619 | 15 | 1,846 |
| 1 | Little Beaver | 23 | ..... | 39,394 | 39,394 | ..... | ..... | ..... |
| 2 | Little Beaver East* | 11 | 2,114 | 13,552 | 13,360 | ..... | ..... | 2,306 |
| 1 | Little Wall Creek | 1 | 310 | 4,942 | 4,834 | ..... | ..... | 418 |
| 2 | Lodge Grass | 2 | 968 | 1,027 | ..... | 1,132 | ..... | 863 |
| 6 | Lonetree Creek | 6 | 2,900 | 33,305 | ..... | 32,822 | ..... | 3,383 |
| 3 | Lookout Butte (Coral Creek) | 30 | ..... | 57,755 | 57,496 | ..... | ..... | 259 |
| 1 | Mason Lake | 1 | 551 | 236 | ..... | ..... | ..... | 787 |
| 2 | Melstone | 3 | 893 | 1,611 | 1,986 | ..... | ..... | 518 |
| 1 | Mineral Bench | 1 | 342 | 603 | 398 | ..... | ..... | 547 |
| 1 | Miner's Coulee | 1 | ..... | 505 | ..... | 505 | ..... | ..... |
| 11 | Monarch | 14 | 5,901 | 14,487 | 12,269 | 3,548 | ..... | 4,571 |
| 3 | Mosser | 3 | ..... | 563 | ..... | 563 | ..... | ..... |
| 1 | Nohly | 1 | 831 | 11,485 | ..... | 11,405 | ..... | 911 |
| 2 | Otis Creek | 2 | 282 | 3,842 | ..... | 3,595 | ..... | 529 |
| 6 | Outlook | 8 | 6,473 | 22,824 | 22,174 | ..... | ..... | 7,123 |
| 1 | Outlook South | 1 | 970 | 288 | ..... | ..... | ..... | 1,258 |
| 2 | Outlook West | 2 | 948 | 1,626 | 1,429 | ..... | ..... | 1,145 |
| 1 | Pennel-Lookout Butte | 112 | ..... | 164,871 | 164,871 | ..... | ..... | ..... |
| 4 | Pine | 108 | 16,310 | 234,272 | 234,097 | ..... | ..... | 16,485 |
| 59 | Pondera | 260 | 4,095 | 22,796 | 23,852 | ..... | ..... | 3,039 |
| 1 | Pondera Coulee | 1 | ..... | 163 | 163 | ..... | ..... | ..... |
| 6 | Poplar | 64 | 8,088 | 44,319 | 44,134 | ..... | ..... | 8,273 |
| 2 | Poplar Northwest | 2 | 1,601 | 1,182 | 1,360 | ..... | ..... | 1,423 |
| ... | Prairie Elk | ..... | 520 | ..... | ..... | ..... | ..... | 520 |
| 2 | Pritchard Creek | 2 | 167 | 682 | 682 | ..... | ..... | 167 |
| 1 | Putnam | 2 | 242 | 8,753 | ..... | 8,753 | ..... | 242 |
| 3 | Ragged Point | 11 | 3,706 | 4,789 | 5,828 | ..... | ..... | 2,667 |
| 2 | Rattlesnake Coulee | 2 | 844 | 421 | 610 | ..... | ..... | 655 |
| 5 | Raymond | 5 | 2,069 | 28,578 | 28,805 | ..... | ..... | 1,842 |
| 3 | Reagan | 45 | 754 | 16,756 | 16,824 | ..... | ..... | 686 |
| 1 | Red Creek | 19 | ..... | 19,789 | 19,789 | ..... | ..... | ..... |
| 1 | Red Fox | 1 | 311 | 803 | 876 | ..... | ..... | 238 |
| 1 | Redstone | 1 | 220 | 1,362 | 1,248 | ..... | ..... | 334 |
| 1 | Repeat | 1 | 200 | 1,512 | ..... | 1,532 | ..... | 180 |
| 3 | Reserve | 4 | 258 | 5,940 | 5,770 | ..... | ..... | 428 |
| 1 | Richey | 1 | 285 | 34 | ..... | ..... | ..... | 319 |
| 1 | Richey Southwest | 5 | 358 | 1,605 | ..... | 1,712 | ..... | 251 |
| ... | Rough Creek | ..... | 406 | ..... | ..... | ..... | ..... | 406 |
| 1 | Rush Mountain | 1 | 549 | 2,412 | 2,640 | ..... | ..... | 321 |
| 2 | Salt Lake | 3 | 396 | 3,676 | ..... | 3,527 | ..... | 545 |
| 4 | Sand Creek | 5 | 862 | 2,683 | 1,706 | ..... | ..... | 1,839 |
| 1 | Snyder | 4 | 534 | 817 | ..... | 1,036 | ..... | 315 |
| 7 | Soap Creek | 18 | 1,128 | 3,723 | ..... | 4,011 | ..... | 840 |
| 2 | Spring Lake | 2 | 1,159 | 2,039 | ..... | 1,742 | ..... | 1,456 |
| 2 | Stensvad | 5 | 3,142 | 27,784 | 27,470 | ..... | ..... | 3,456 |
| 13 | Sumatra | 77 | 20,032 | 98,249 | 96,525 | ..... | ..... | 21,756 |
| 5 | Tule Creek | 5 | 3,301 | 21,571 | 22,533 | ..... | ..... | 2,339 |
| 2 | Tule Creek East | 2 | 836 | 6,718 | 7,122 | ..... | ..... | 432 |
| 3 | Tule Creek South | 3 | 1,127 | 3,195 | 640 | 2,744 | 30 | 908 |
| 2 | Vida | 2 | 218 | 1,114 | ..... | 435 | ..... | 897 |
| 4 | Volt | 5 | 1,917 | 10,312 | 10,798 | ..... | ..... | 1,431 |
| 2 | Weed Creek | 3 | 691 | 1,286 | 1,863 | ..... | ..... | 614 |
| 3 | Weldon | 3 | 996 | 7,799 | 7,940 | ..... | ..... | 855 |
| 1 | West Butte | 1 | ..... | 1,345 | ..... | 1,345 | ..... | ..... |
| 19 | Whitlash | 44 | 7,456 | 10,808 | 10,896 | ..... | ..... | 7,368 |
| ... | Whitlash West | ..... | 284 | ..... | ..... | ..... | ..... | 284 |
| 2 | Willow Creek North | 2 | 496 | 1,989 | 2,070 | ..... | ..... | 415 |
| 2 | Wills Creek South | 2 | ..... | 2,360 | 2,360 | ..... | ..... | ..... |
| 2 | Wolf Springs | 3 | 928 | 1,859 | 1,303 | ..... | ..... | 1,484 |
| 2 | Woodrow | 2 | 389 | 1,467 | 1,632 | ..... | ..... | 224 |
| 3 | Wright Creek | 4 | 1,352 | 882 | ..... | ..... | ..... | 2,234 |
| 2 | Wildcat, Blaine Co. | 2 | 609 | 1,957 | ..... | 1,850 | ..... | 716 |
| ... | Wildcat, McCone Co. | ..... | 98 | ..... | ..... | ..... | ..... | 98 |
| 2 | Wildcat, Musselshell Co. | 2 | 924 | 1,412 | ..... | 1,355 | ..... | 981 |
| 2 | Wildcat, Toole Co. | 2 | 202 | 1,175 | 1,175 | ..... | ..... | 202 |
| 693 | Total | 3,216 | 305,373 | 2,798,435 | 2,612,769 | 190,816 | 409 | 299,814 |

| Total Oil Produced and Shipped from Leases | Bbls. Produced | Daily Average | Bbls. Shipped | Daily Average |
|---|---|---|---|---|
| Year, 1971 | 34,598,723 | 94,791 | 34,623,678 | 94,859 |
| First Quarter, 1972 | 8,240,945 | 90,560 | 8,211,215 | 90,233 |
| Second Quarter, 1972 | 8,547,983 | 93,934 | 8,559,903 | 94,065 |
| Third Quarter, 1972 | 8,529,531 | 92,712 | 8,544,381 | 92,874 |
| October, 1972 | 2,890,814 | 93,252 | 2,868,080 | 92,519 |
| November, 1972 | 2,798,435 | 93,281 | 2,803,585 | 93,453 |

| Oil in Storage | In Producers Field Tanks | In Transporters Storage | In Refiners Storage** | Total Oil In Storage** |
|---|---|---|---|---|
| December, 1971 | 290,832 | 1,316,908 | 605,612 | 2,213,352 |
| March, 1972 | 318,394 | 1,389,602 | 990,950 | 2,698,946 |
| June, 1972 | 304,580 | 1,480,979 | 1,091,168 | 2,876,727 |
| September, 1972 | 287,040 | 1,213,073 | 744,166 | 2,241,279 |
| October, 1972 | 305,373 | 1,309,829 | 940,984 | 2,556,186 |
| November, 1972 | 298,814 | 1,316,022 | 1,185,437 | 2,800,273 |

*Montana Oil Only

**Includes Wyoming Oil

# TRANSPORTERS REPORT — MONTH OF NOVEMBER, 1972

| | Storage First of Month | Oil Received By | | | Loss or Gain | Oil Shipped To | | | Storage End of Month |
|---|---|---|---|---|---|---|---|---|---|
| | | Pipeline | Truck | Connecting Carrier | | Montana | Other States | Connecting Carrier | |
| ASH CREEK—Western Crude Oil Inc. | | | 1,123 | | | | 1,123 | | |
| BAINVILLE—Koch Oil Company | | | 3,020 | | | | 3,020 | | |
| BEAR'S DEN—Truck | | | 782 | | | | 782 | | |
| BELL CREEK—Pipeline | 53,439 | 572,740 | | | | | 298,441 | 273,814 | 53,924 |
| BIG WALL—Continental Pipeline Co. | | 4,637 | | | | 4,637 | | | |
| BLACKFOOT— | | | | | | | | | |
| Camerland Cardinal Corp. | | 1,506 | | | | | | 1,506 | |
| BORDER—Permian Corp. | | | 784 | | | | | 784 | |
| BOWES—Texaco Inc. | | 6,972 | | | | 6,972 | | | |
| BRORSON-MADISON, BRORSON-RED RIVER & BRORSON- RED RIVER SOUTH—Koch Oil Company | | | 17,412 | | | | | 17,412 | |
| BURNS CREEK— | | | | | | | | | |
| Western Crude Oil, Inc. | | | 7,941 | | | | 7,941 | | |
| BRUSH LAKE—Portal Pipeline Co. | | 20,722 | | | | | 20,722 | | |
| CABIN CREEK & OTHERS*— | | | | | | | | | |
| Butte Pipeline Co. | 339,275 | 645,721 | 19,480 | 769,962 | | | 1,371,382 | | 403,056 |
| Shell Pipeline Co. | 7,547 | 297,769 | | | (3,362) | | | 305,037 | 3,641 |
| | 34 ,822 | 943,490 | 19,480 | 769,962 | (3,362) | | 1,371,382 | 305,037 | 406,697 |
| CANAL—Koch Oil Company | | | 7,065 | | | | 7,065 | | |
| CAT CREEK— | | | | | | | | | |
| Continental Pipeline Co. | | 14,733 | | | | 14,733 | | | |
| COW CREEK AND COW CREEK EAST—Western Crude Oil, Inc. | | | 22,520 | | | | 22,520 | | |
| CULBERTSON—Spruce Oil Co. | | | 1,010 | | | | 1,010 | | |
| CUT BANK— | | | | | | | | | |
| Continental Pipeline Co. | | 532,573 | 7,745 | | | | | 540,318 | |
| Phillips Petroleum Co. | 28,402 | 130,193 | | 28,268 | 3,245 | 160,328 | | | 23,290 |
| Texas Pipeline Co. | 15,173 | 37,393 | | 54,929 | 34 | | | 94,161 | 13,300 |
| Union Oil Co. | 68,964 | 47,299 | | | 395 | 49,755 | | | 66,113 |
| Western Oil Trans. Co. | | 38,277 | | | | | | 38,277 | |
| Western Oil Trans. Co. (Moulton) | | 143,689 | | | | | | 143,689 | |
| | 112,539 | 929,424 | 7,745 | 83,197 | 3,674 | 210,083 | | 816,445 | 102,703 |
| DWYER—Portal Pipeline Co. | | 13,897 | | | | | 13,897 | | |
| ELK BASIN AND ELK BASIN NORTHWEST— | | | | | | | | | |
| Marathon Pipeline Co. | | 130,073 | | | | 130,073 | | | |
| FAIRVIEW— | | | | | | | | | |
| Fairview Pipeline Co. | | 11,364 | | | | | 11,364 | | |
| Koch Oil Company | | | 19,906 | | | | 19,906 | | |
| | | 11,364 | 19,906 | | | | 31,270 | | |
| FLAT COULEE— | | | | | | | | | |
| Camerland Cardinal Corp. | | 5,281 | | | | 5,281 | | | |
| FLAT LAKE & FLAT LAKE SOUTH—Portal Pipeline Co. | | 53,012 | | | | | 53,012 | | |
| FT. GILBERT— | | | | | | | | | |
| Fairview Pipeline Co. | | 20,285 | | | | | 20,285 | | |
| FOUR BUTTES—Truck | | | 445 | | | | | 445 | |
| FRANNIE—Interstate Pipeline Co. | | 1,710 | | | | | 1,710 | | |
| FRED & GEORGE CREEK— | | | | | | | | | |
| Camerland Cardinal Corp. | 8,669 | 37,446 | | | | 24,660 | | 14,004 | 7,451 |
| FROID SOUTH—Truck | | | 1,574 | | | | | 1,574 | |
| GAGE—Truck | | | 180 | | | 180 | | | |
| GIRARD—Koch Oil Company | | | 2,675 | | | | 2,675 | | |
| GLENDIVE, DEER CREEK, WODDROW & SAND CREEK— | | | | | | | | | |
| Texas Pipeline Co. | 4,588 | 22,778 | | | (196) | | | 19,785 | 7,777 |
| GOOSE LAKE—Portal Pipeline Co. | | 28,852 | | | | | 28,852 | | |
| HAY CREEK—Fairview Pipeline Co. | | 7,720 | | | | | 7,720 | | |
| HIAWATHA—Continental Pipeline Co. | | 6,808 | | | | | 6,808 | | |
| IVANHOE—Continental Pipeline Co. | | 3,720 | | | | 3,720 | | | |
| JIM COULEE— | | | | | | | | | |
| Continental Pipeline Co. | | 45,650 | | | | | | 45,650 | |
| KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co. | | 31,623 | | | | 22,418 | 9,205 | | |
| KELLEY—Continental Pipeline Co. | | 6,547 | | | | 6,547 | | | |
| KEVIN SUNBURST— | | | | | | | | | |
| Big West Oil Co. | 4,992 | 13,354 | | | | 13,683 | | | 4,663 |
| Homestake Oil & Gas Co. | 2,363 | | | | | | | | 2,363 |
| Texas Pipeline Co. | 11,309 | 7,602 | | | 378 | | | 8,474 | 10,059 |
| | 18,664 | 20,956 | | | 378 | 13,683 | | 8,474 | 17,085 |
| LEARY—Permian Corp. | | | 2,619 | | | | 2,619 | | |
| LODGE GRASS—Permian Corp. | | | 1,132 | | | 1,132 | | | |
| LONE TREE CREEK—Koch Oil Co. | | | 32,822 | | | | | 32,822 | |
| MELSTONE—Continental Pipeline Co. | | 1,791 | | | | 1,791 | | | |
| MIDDLE WALL—** | | | | | | | | | |
| Continental Pipeline Co. | | 2,072 | | | | | | 2,072 | |
| MOSSER—Permian Corp. | | | 563 | | | | 563 | | |
| NOHLY—Koch Oil Co. | | | 11,405 | | | | 11,405 | | |
| OTIS CREEK— | | | | | | | | | |
| Western Crude Oil, Inc. | | | 3,595 | | | | 3,595 | | |
| OUTLOOK, OUTLOOK SOUTH & OUTLOOK WEST— | | | | | | | | | |
| Portal Pipeline Co. | | 19,494 | | | | | 19,494 | | |
| PONDERA—Phillips Petroleum Co. | 22,480 | 26,633 | | | 4,557 | 26,967 | | | 17,589 |
| POPLAR, BENRUD, BENRUD EAST, RED FOX, REDSTONE— | | | | | | | | | |
| East Poplar Gathering System | 14,417 | 63,653 | | | 522 | | | 63,714*** | 13,834 |
| PUTNAM—Western Crude Oil, Inc. | | | 8,753 | | | | 8,753 | | |
| RAGGED POINT— | | | | | | | | | |
| Continental Pipeline Co. | | 5,828 | | | | 5,828 | | | |
| RAYMOND—Portal Pipeline Co. | | | | | | | 28,805 | | |
| RED CREEK— | | | | | | | | | |
| Western Oil Transportation Co. | | 22,422 | | | | | | 22,422 | |
| RESERVE—Portal Pipeline Co. | | 5,944 | | | | | 5,944 | | |
| RUSH MOUNTAIN—Sinclair Ref. Co. | | 2,640 | | | | | 2,640 | | |
| SALT LAKE—Koch Oil Company | | | 3,527 | | | | 3,527 | | |
| SNYDER—Permian Corp. | | | 1,036 | | | 1,036 | | | |
| SOAP CREEK—Permian Corp. | | | 4,011 | | | | 4,011 | | |
| SPRING LAKE—Koch Oil Co. | | | 1,742 | | | | 1,742 | | |
| SUMATRA & STENSVAD— | | | | | | | | | |
| Continental Pipeline Co. | 722,071 | 124,489 | | 2,913,309 | 3,801 | 88,810 | | 2,982,367 | 684,891 |
| TULE CREEK— | | | | | | | | | |
| Spruce Oil Co. | 6,140 | 30,295 | | | | 32,364 | | | 4,071 |
| Permian Corp. | | | 2,744 | | | 2,744 | | | |
| | 6,140 | 30,295 | 2,744 | | | 35,108 | | | 4,071 |
| WEED CREEK & WOLF SPRINGS— | | | | | | | | | |
| Continental Pipeline Co. | | 2,691 | | | | 2,691 | | | |
| WHITLASH & WHITLASH WEST— | | | | | | | | | |
| Camerland Cardinal Corp. | | 12,720 | | | | 12,720 | | | |
| WILDCAT WELLS—Truck | | | 3,205 | | | | | 3,205 | |
| TOTAL | 1,309,829 | 3,291,423 | 190,816 | 3,766,468 | 9,374 | 619,070 | 2,002,538 | 4,611,532 | 1,316,022 |

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Richey, Richey Southwest, Vida, Weldon & Wills Creek South
**Little Wall Creek & Willow Creek North
***Transferred to Butte Pipeline Company

## BARRELS OF CRUDE OIL REFINED IN MONTANA
## MONTH OF NOVEMBER, 1972

| | Big West Oil Co. | Continental Oil Co. | Diamond Asphalt Co. | Farmers Union | Humble Oil & Ref. Co. | Jet Fuel Refinery | Phillips Petroleum Co. | Spruce Oil Co. | Westco Refining Co. | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| Big Wall | ..... | 4,637 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4,637 |
| Cat Creek | ..... | 1,761 | ..... | 11,482 | ..... | ..... | ..... | ..... | ..... | 13,243 |
| Cut Bank | 79,662 | ..... | ..... | ..... | ..... | ..... | 156,635 | ..... | 72,788 | 309,085 |
| Elk Basin | ..... | 49,443 | ..... | 43,115 | 37,515 | ..... | ..... | ..... | ..... | 130,073 |
| Flat Coulee | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5,281 | 5,281 |
| Fred & George Creek | 24,660 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 24,660 |
| Ivanhoe | ..... | 3,718 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3,718 |
| Keg Coulee | ..... | 15,293 | ..... | 3,060 | 13,270 | ..... | ..... | ..... | ..... | 31,623 |
| Kelley | ..... | ..... | ..... | ..... | 6,547 | ..... | ..... | ..... | ..... | 6,547 |
| Kevin Sunburst | 13,683 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 13,683 |
| Lodge Grass | ..... | 1,132 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,132 |
| Melstone | ..... | ..... | ..... | 1,791 | ..... | ..... | ..... | ..... | ..... | 1,791 |
| Pondera | ..... | ..... | ..... | ..... | ..... | ..... | 21,815 | ..... | ..... | 21,815 |
| Ragged Point | ..... | ..... | ..... | 5,828 | ..... | ..... | ..... | ..... | ..... | 5,828 |
| Snyder | ..... | 1,036 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,036 |
| Sumatra & Stensvad | ..... | 14,835 | ..... | 73,979 | 27,484 | ..... | ..... | ..... | ..... | 116,298 |
| Tule Creek | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 63,086 | ..... | 63,086 |
| Weed Creek | ..... | ..... | ..... | ..... | 1,286 | ..... | ..... | ..... | ..... | 1,286 |
| Whitlash | ..... | ..... | ..... | ..... | ..... | ..... | 9,300 | ..... | ..... | 9,300 |
| Wolf Springs | ..... | ..... | ..... | ..... | 1,405 | ..... | ..... | ..... | ..... | 1,405 |
| Total Montana Oil | 118,005 | 91,855 | ..... | 139,255 | 87,507 | ..... | 187,750 | 63,086 | 78,069 | 765,527 |
| Canadian Oil Imported | ..... | 540,207 | ..... | 424,314 | 422,891 | ..... | ..... | ..... | ..... | 1,387,412 |
| Wyoming Oil Imported | ..... | 863,358 | ..... | 341,199 | 766,622 | ..... | ..... | ..... | ..... | 1,971,179 |
| Total Montana, Canadian & Wyoming Oil | 118,005 | 1,495,420 | ..... | 904,768 | 1,277,020 | ..... | 187,750 | 263,086 | 78,069 | 4,124,118 |

### AVERAGE BARRELS PER DAY

| | Montana | Canada | Wyoming | Total |
|---|---|---|---|---|
| Year, 1971 | 25,375 | 29,993 | 67,911 | 123,279 |
| November, 1971 | 24,347 | 21,468 | 69,135 | 114,950 |
| November, 19792 | 25,518 | 46,247 | 65,706 | 137,471 |

### PERCENTAGE OF CRUDE OIL REFINED

| Montana | Canada | Wyoming |
|---|---|---|
| 20.58% | 24.33% | 55.09% |
| 21.18% | 18.68% | 60.14% |
| 18.56% | 33.64% | 47.80% |